

### DECLARATION AND POWER OF ATTORNEY

As a below named inventor, I declare that:

My residence, post office address and citizenship are as stated below next to my name; I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural inventors are named below) of the subject matter which is claimed and for which a patent is sought on the invention entitled: **ITERATIVE RESEQUENCING** the specification of which \_\_\_\_\_ is attached hereto or X was filed on September 16, 1999 as Application No. 09/381,480 and was amended on \_\_\_\_\_ (if applicable,

I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above. I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, Section 1.56. I claim foreign priority benefits under Title 35, United States Code, Section 119 of any foreign application(s) for patent or inventor's certificate listed below and have also identified below any foreign application for patent or inventor's certificate having a filing date before that of the application on which priority is claimed.

#### Prior Foreign Application(s)

Country	Application No.	Date of Filing	Priority Claimed Under 35 USC 119
PCT	PCT/US98/05451	March 19, 1998	

I hereby claim the benefit under Title 35, United States Code § 119(e) of any United States provisional application(s) listed below:

Application No.	Filing Date

I claim the benefit under Title 35, United States Code, Section 120 of any United States application(s) listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States application in the manner provided by the first paragraph of Title 35, United States Code, Section 112, I acknowledge the duty to disclose material information as defined in Title 37, Code of Federal Regulations, Section 1.56 which occurred between the filing date of the prior application and the national or PCT international filing date of this application:

Application No.	Date of Filing	Status
60/041,435	March 20, 1997	Abandoned
60/073,853	February 2, 1998	Abandoned

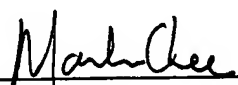
**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith.

Joe Liebeschuetz, Reg. No. 37,505  
William M. Smith, Reg. No. 30,223  
Philip L. McGarrigle, Reg. No. 31,395  
Rosemary Celli, Reg. No. 42,397  
Wei Zhou, Reg. No. 44,419  
Ellen Gonzales, Reg. No. 44,128

Send Correspondence to: <b>Joe Liebeschuetz</b> <b>TOWNSEND and TOWNSEND and CREW LLP</b> <b>Two Embarcadero Center, 8<sup>th</sup> Floor</b> <b>San Francisco, California 94111-3834</b>	Direct Telephone Calls to: (Name, Reg. No., Telephone No.) Name: <b>Joe Liebeschuetz</b> Reg. No.: <b>37,505</b> Telephone: <b>650-326-2400</b>
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Full Name of Inventor 1:	Last Name: <b>CHEE</b>	First Name: <b>MARK</b>	Middle Name or Initial:
Residence & Citizenship:	City: <b>Del Mar</b>	State/Foreign Country: <b>California</b>	Country of Citizenship: <b>Australian</b>
Post Office Address:	Post Office Address: <b>155 15th Street</b>	City: <b>Del Mar</b>	State/Country: <b>CA</b>
			Postal Code: <b>92014</b>

I further declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

Signature of Inventor 1 
MARK CHEE
Date <b>11/27/99</b>

PA 3034648 v1

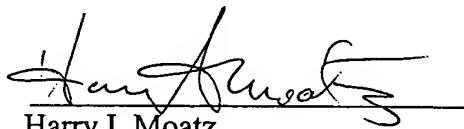
**BEFORE THE OFFICE OF ENROLLMENT AND DISCIPLINE  
UNITED STATE PATENT AND TRADEMARK OFFICE**

**LIMITED RECOGNITION UNDER 37 CFR § 10.9(b)**

Ms. Priyadarshini Rath is hereby given limited recognition under 37 CFR §10.9(b) as an trainee/employee of Affymetrix, Inc. to prepare and prosecute patent applications wherein the assignee of record is Affymetrix, Inc., and the attorney or agent of record in the applications is a registered practitioner who is an employee of Affymetrix, Inc. This limited recognition shall expire on the date appearing below, or when whichever of the following events first occurs prior to the date appearing below: (i) Ms. Priyadarshini Rath ceases to lawfully reside in the United States, (ii) Ms. Priyadarshini Rath's training with Affymetrix, Inc. ceases or is terminated, or (iii) Ms. Priyadarshini Rath ceases to remain or reside in the United States on an J-1 visa.

This document constitutes proof of such recognition. The original of this document is on file in the Office of Enrollment and Discipline of the U.S. Patent and Trademark Office.

**Expires: July 5, 2004**

A handwritten signature in dark ink, appearing to read "Harry I. Moatz", is written over a horizontal line.

Harry I. Moatz  
Director of Enrollment and Discipline